

Patent claims

1. A method for producing a breaker pole (1) with solid-material insulation and having a drive opening which is provided for the purpose of introducing a drive movement, in the case of which a breaker (2) having a switching housing (3), which has a drive side (8) through which a switching rod (9) passes, and a dimensionally stable sheath (7), which is made from insulating material and is provided with a connection part (6), are produced independently of one another, in the case of which the breaker (2) is fixed in the sheath (7) such that the breaker housing (3) (with the exception of the drive side (8)) and the sheath (7) provided with the connection part (6) delimit an intermediate space which is open towards the drive opening, in the case of which the intermediate space is then filled with a fluid compensating compound (10), and finally the compensating compound (10) cures.
2. The method as claimed in claim 1, characterized in that the intermediate space is filled with the fluid compensating compound (10) via at least one casting channel (11) provided in the sheath (7) and/or the connection part (6).
3. The method as claimed in claim 2, characterized in that each casting channel (11) is arranged below the intermediate space when it is filled with the fluid compensating compound (10).
4. The method as claimed in one of the preceding claims,

characterized in that
a vacuum is applied in the intermediate space when it is
filled with the fluid compensating compound (10).

5 5. The method as claimed in one of the preceding claims,
characterized in that
the fluid compensating compound (10) is introduced into the
intermediate space under pressure.

10 6. The method as claimed in one of claims 2 to 5,
characterized in that
each casting channel (11) is sealed after filling.

15 7. The method as claimed in claim 6,
characterized in that
each casting channel (11) is sealed with an insulating
material (12, 13).

20 8. The method as claimed in one of the preceding claims,
characterized in that
the connection part (6) is cast into the sheath (7) when
the latter is produced.

25 9. A breaker pole (1) with solid-material insulation for
the purpose of interrupting an electrical current having a
drive opening which is provided for the purpose of
introducing a drive movement, a breaker (2), which has a
breaker housing (3), and a sheath (7), which is made of an
insulating material, is provided with a connection part (6)
30 and in which the breaker is fixed, an intermediate space
formed between the sheath (7) and the breaker housing (3)
being filled up by a compensating compound (10) such that

the breaker housing (3) is at least partially surrounded by the compensating compound (10), characterized in that

- 5 a casting channel (11) is provided in the sheath (7), which is provided with the connection part (6), for the purpose of producing the compensating compound (10) once the breaker (2) has been assembled in the sheath (7) which is provided with the connection part (6).